

08927939
***** STN Columbus *****

FILE 'HOME' ENTERED AT 12:56:54 ON 30 JAN 2001

=> file registry

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 12:57:25 ON 30 JAN 2001

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STRUCTURE FILE UPDATES: 29 JAN 2001 HIGHEST RN 318233-39-5

DICTIONARY FILE UPDATES: 29 JAN 2001 HIGHEST RN 318233-39-5

TSCA INFORMATION NOW CURRENT THROUGH July 8, 2000

Please note that search-term pricing does apply when
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Structure search limits have been increased. See HELP SLIMIT
for details.

=> s wvq/sqsp and sql<=30

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=> s wvq/sqsp

L1 4857 WVQ/SQSP

=> s l1 and sql<=30

760449 SQL<=30
L2 79 L1 AND SQL<=30

=> s kqk/sqsp

L3 23500 KQK/SQSP

=> s l3 and sql<=30

760449 SQL<=30
L4 551 L3 AND SQL<=30

=> d his

(FILE 'HOME' ENTERED AT 12:56:54 ON 30 JAN 2001)

FILE 'REGISTRY' ENTERED AT 12:57:25 ON 30 JAN 2001

L1 4857 S WVQ/SQSP
L2 79 S L1 AND SQL<=30
L3 23500 S KQK/SQSP

L4 551 S L3 AND SQL<=30

=> s l2 and l4

L5 6 L2 AND L4

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	62.44	62.65

FILE 'CAPLUS' ENTERED AT 13:04:49 ON 30 JAN 2001
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1967 - 30 Jan 2001 VOL 134 ISS 6
FILE LAST UPDATED: 29 Jan 2001 (20010129/ED)

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(FILE 'HOME' ENTERED AT 12:56:54 ON 30 JAN 2001)

FILE 'REGISTRY' ENTERED AT 12:57:25 ON 30 JAN 2001

L1 4857 S WVQ/SQSP
L2 79 S L1 AND SQL<=30
L3 23500 S KQK/SQSP
L4 551 S L3 AND SQL<=30
L5 6 S L2 AND L4

FILE 'CAPLUS' ENTERED AT 13:04:49 ON 30 JAN 2001

=> s l5

L6 3 L5

=> d l6 total ibib

L6 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 2000:493573 CAPLUS
 DOCUMENT NUMBER: 133:134180
 TITLE: Compounds and methods to inhibit or augment an
 inflammatory response
 INVENTOR(S): Grainger, David J.; Tatalick, Lauren Marie
 PATENT ASSIGNEE(S): Neorx Corporation, USA
 SOURCE: PCT Int. Appl., 387 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000042071	A2	20000720	WO 2000-US821	20000112
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 1999-229071	19990112
			US 1999-271192	19990317
			US 1999-452406	19991201
OTHER SOURCE(S):		MARPAT 133:134180		

L6 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1999:443132 CAPLUS
 DOCUMENT NUMBER: 131:208594
 TITLE: Identification of oligopeptide sequences which
 inhibit
 migration induced by a wide range of chemokines
 AUTHOR(S): Reckless, Jill; Grainger, David J.
 CORPORATE SOURCE: Department of Medicine, Addenbrookes Hospital,
 University of Cambridge, Cambridge, CB2 2QQ, UK
 SOURCE: Biochem. J. (1999), 340(3), 803-811
 CODEN: BIJOAK; ISSN: 0264-6021
 PUBLISHER: Portland Press Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 32
 REFERENCE(S): (1) Ahuja, S; Immunol Today 1994, V15, P281 CAPLUS
 (2) Bleul, C; Nature (London) 1996, V382, P829 CAPLUS
 (3) Brown, Z; J Leukocyte Biol 1996, V59, P75 CAPLUS
 (4) Cocchi, F; Science 1995, V270, P1811 CAPLUS
 (5) Conti, P; Blood 1997, V89, P4120 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1999:194178 CAPLUS
 DOCUMENT NUMBER: 130:236476
 TITLE: Chemokine-derived peptides, peptide variants,
 derivatives and analogs for modulation of
 inflammatory
 responses
 INVENTOR(S): Grainger, David J.; Tatalick, Lauren Marie; Kanaly,
 Suzanne T.
 PATENT ASSIGNEE(S): Neorx Corporation, USA
 SOURCE: PCT Int. Appl., 208 pp.

DOCUMENT TYPE:
LANGUAGE:
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

CODEN: PIXXD2

Patent
English

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9912968	A2	19990318	WO 1998-US19052	19980911
WO 9912968	A3	19990729		
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 9893153	A1	19990329	AU 1998-93153	19980911
EP 1012187	A2	20000628	EP 1998-946057	19980911
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRIORITY APPLN. INFO.:			US 1997-927939	19970911
			WO 1998-US19052	19980911

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FILE 'REGISTRY' ENTERED AT 12:57:25 ON 30 JAN 2001

L1 4857 S WVQ/SQSP
L2 79 S L1 AND SQL<=30
L3 23500 S KQK/SQSP
L4 551 S L3 AND SQL<=30
L5 6 S L2 AND L4

FILE 'CAPLUS' ENTERED AT 13:04:49 ON 30 JAN 2001

L6 3 S L5

=> s 12

L7 50 L2

=> d 17 total ibib

L7 ANSWER 1 OF 50 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 2000:821576 CAPLUS

DOCUMENT NUMBER: 133:359827

TITLE: Expression cassettes for mammalian L1
retrotransposons

and their analytical use as mutagens
INVENTOR(S): Kazazian, Haig H., Jr.; Boeke, Jef D.; Moran, John V.;

Dombroski, Beth A.
PATENT ASSIGNEE(S): The John Hopkins University, USA; The Trustees of the University of Pennsylvania

SOURCE: U.S., 87 pp., Cont.-in-part of U. S. Ser. No. 749,805,

abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6150160	A	20001121	US 1997-847844	19970428
PRIORITY APPLN. INFO.:			US 1995-6831	19951116
			US 1996-749805	19961115
REFERENCE COUNT:		84		
REFERENCE(S):		(1) Adams; Nucl Acids Res 1980, V8, P6113 CAPLUS		
		(2) Altschul; J Mol Biol 1990, V215, P403 CAPLUS		
		(3) Barzilay; Nature Structural Biol 1995, V2, P561 CAPLUS		
		(4) Barzilay; Nucl Acids Res 1995, V23, P1544 CAPLUS		
		(5) Boeke; Cell 1985, V40, P491 CAPLUS		
ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L7 ANSWER 2 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 2000:707319 CAPLUS
DOCUMENT NUMBER: 133:262339
TITLE: Cloning and cDNA and deduced amino acid sequences of
50 human secreted proteins
INVENTOR(S): Rosen, Craig A.; Ruben, Steven M.; Komatsoulis,
George
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., USA
SOURCE: PCT Int. Appl., 408 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000058496	A1	20001005	WO 2000-US7722	20000323
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 1999-126508	19990326
			US 2000-174871	20000107
REFERENCE COUNT:		3		
REFERENCE(S):		(1) Godiska; US 5688927 A 1997 CAPLUS		
		(2) Hillier; Genome Research 1998, V6, P807		
		(3) Kirii; Virology 1991, V185, P424 CAPLUS		

L7 ANSWER 3 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 2000:685442 CAPLUS
DOCUMENT NUMBER: 133:333840
TITLE: A postgenomic approach to identification of
Mycobacterium leprae-specific peptides as T-cell
reagents
AUTHOR(S): Dockrell, Hazel M.; Brahmabhatt, Shweta; Robertson,
Brian D.; Britton, Sven; Fruth, Uli; Gebre, Negussie;
Hunegnaw, Mesfin; Hussain, Rabia; Manandhar, Rakesh;
Murillo, Luis; Pessolani, Maria Cristina V.; Roche,
Paul; Salgado, Jorge L.; Sampaio, Elizabeth; Shahid,
Firdaus; Thole, Jelle E. R.; Young, Douglas B.
CORPORATE SOURCE: Immunology Unit, Department of Infectious and
Tropical
Diseases, London School of Hygiene and Tropical
Medicine, London, WC1E 7HT, UK

SOURCE: Infect. Immun. (2000), 68(10), 5846-5855
 CODEN: INFIBR; ISSN: 0019-567
 PUBLISHER: American Society for Microbiology
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 31
 REFERENCE(S): (1) Adams, E; Scand J Immunol 1994, V39, P588 CAPLUS
 (2) Anderson, D; Science 1988, V242, P259 CAPLUS
 (3) Ashbridge, K; J Immunol 1992, V148, P2248 CAPLUS
 (5) Caruso, A; J Immunol 1999, V162, P5407 CAPLUS
 (6) Chua-Intra, B; Infect Immun 1998, V66, P4903
 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 50 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 2000:628268 CAPLUS
 DOCUMENT NUMBER: 133:206764
 TITLE: Protein and cDNA sequences of tumor rejection antigen
 MAGE-A5, A8, A9 and A11 and their uses in diagnosis
 of
 cancer
 INVENTOR(S): Serrano, Alfonso; Lethe, Bernard; Lurquin,
 Christophe;
 De Plaen, Etienne; Rimoldi, Donata; Boon-Falleur,
 Thierry
 PATENT ASSIGNEE(S): Ludwig Institute for Cancer Research, USA
 SOURCE: PCT Int. Appl., 72 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000052163	A1	20000908	WO 2000-US5346	20000301
W: AU, CA, CN, JP, KR, NZ				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
PRIORITY APPLN. INFO.:			US 1999-260978	19990302
REFERENCE COUNT:		5		
REFERENCE(S):		(1) Jean-Pierre, S; US 5612201 A 1997 CAPLUS (2) Jurk, M; INTERNATIONAL JOURNAL OF CANCER 1998, V75(5), P762 CAPLUS (3) Ludwig Inst Cancer Res; WO 9220356 A 1992 CAPLUS (4) Plaen de, E; IMMUNOGENETICS 1994, V40(5), P360 (5) Serrano, A; INTERNATIONAL JOURNAL OF CANCER 1999, V83(5), P664 CAPLUS		

L7 ANSWER 5 OF 50 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 2000:493573 CAPLUS
 DOCUMENT NUMBER: 133:134180
 TITLE: Compounds and methods to inhibit or augment an
 inflammatory response
 INVENTOR(S): Grainger, David J.; Tatalick, Lauren Marie
 PATENT ASSIGNEE(S): Neorx Corporation, USA
 SOURCE: PCT Int. Appl., 387 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000042071	A2	20000720	WO 2000-US821	20000112

W: AE, AM, AT, AU, AZ, BA, BB, BG, BY, CA, CH, CN, CR, CU, CZ, DK, DM, EE, ES, FI, GB, GD, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 1999-229071 19990112
US 1999-271192 19990317
US 1999-452406 19991201

OTHER SOURCE(S): MARPAT 133:134180

L7 ANSWER 6 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 2000:409165 CAPLUS
DOCUMENT NUMBER: 134:13817
TITLE: Characterization of the Fugu rubripes NLK and FN5 genes flanking the NF1 (Neurofibromatosis type 1) gene
in the 5' direction and mapping of the human counterparts
AUTHOR(S): Kehrner-Sawatzki, H.; Moschgath, E.; Maier, C.; Legius, E.; Elgar, G.; Krone, W.
CORPORATE SOURCE: Department of Human Genetics, University of Ulm, Ulm, 89081, Germany
SOURCE: Gene (2000), 251(1), 63-71
CODEN: GENED6; ISSN: 0378-1119
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 19
REFERENCE(S): (1) Baxendale, S; Nat Genet 1995, V10, P67 CAPLUS
(2) Brenner, S; Nature 1993, V366, P265 CAPLUS
(3) Brott, B; Proc Natl Acad Sci USA 1998, V95, P963 CAPLUS
(4) Brunner, B; Genome Res 1999, V9, P437 CAPLUS
(5) Corrado, L; Mol Cell Probes 1999, V13, P199

CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 7 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 2000:394519 CAPLUS
DOCUMENT NUMBER: 133:173656
TITLE: Identification of amino acid sequences in fibrinogen .gamma.-chain and tenascin C C-terminal domains critical for binding to integrin .alpha.v.beta.3
AUTHOR(S): Yokoyama, Kenji; Erickson, Harold P.; Ikeda, Yasuo; Takada, Yoshikazu
CORPORATE SOURCE: Department of Vascular Biology, The Scripps Research Institute, La Jolla, CA, 92037, USA
SOURCE: J. Biol. Chem. (2000), 275(22), 16891-16898
CODEN: JBCHA3; ISSN: 0021-9258
PUBLISHER: American Society for Biochemistry and Molecular Biology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 51
REFERENCE(S): (1) Altieri, D; J Biol Chem 1993, V268, P1847 CAPLUS
(2) Aukhil, I; J Biol Chem 1993, V268, P2542 CAPLUS
(3) Brooks, P; Science 1994, V264, P569 CAPLUS
(4) Chen, Y; Blood 1995, V86, P2606 CAPLUS
(5) Cheresh, D; Cell 1989, V58, P945 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 8 OF 50 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 2000:314497 CAPLUS
 DOCUMENT NUMBER: 132:330627
 TITLE: Chromosome 2 sequence of the human malaria parasite
 Plasmodium falciparum and proteins of said chromosome
 useful in anti-malarial vaccines and diagnostic
 reagents
 INVENTOR(S): Hoffman, Stephen; Carucci, Daniel; Gardner, Malcolm;
 Venter, J. Craig
 PATENT ASSIGNEE(S): USA
 SOURCE: PCT Int. Appl., 577 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000025728	A2	20000511	WO 1999-US26796	19991105
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 2000018182	A5	20000522	AU 2000-18182	19991105
PRIORITY APPLN. INFO.:			US 1998-107131	19981105
			WO 1999-US26796	19991105

L7 ANSWER 9 OF 50 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 2000:291095 CAPLUS
 DOCUMENT NUMBER: 132:329919
 TITLE: Modified peptides containing an antibody Fc domain as
 therapeutic agents
 INVENTOR(S): Feige, Ulrich; Liu, Chuan-fa; Cheetham, Janet; Boone,
 Thomas Charles
 PATENT ASSIGNEE(S): Amgen Inc., USA
 SOURCE: PCT Int. Appl., 608 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000024782	A2	20000504	WO 1999-US25044	19991025
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
PRIORITY APPLN. INFO.:			US 1998-105371	19981023
			US 1999-428082	19991022

L7 ANSWER 10 OF 50 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 2000:161445 CAPLUS
 DOCUMENT NUMBER: 132:204013

TITLE: Using mutated Gprotein-coupled receptors to improve
their functional expression for drug screening in
yeast
INVENTOR(S): Pausch, Mark Henry; Wess, Jurgen
PATENT ASSIGNEE(S): USA
SOURCE: PCT Int. Appl., 37 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000012705	A2	20000309	WO 1999-US20013	19990901
WO 2000012705	A3	20001005		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 9957011	A1	20000321	AU 1999-57011	19990901
PRIORITY APPLN. INFO.:			US 1998-98704	19980901
			WO 1999-US20013	19990901

L7 ANSWER 11 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1999:719027 CAPLUS
DOCUMENT NUMBER: 131:347521
TITLE: Arabidopsis thaliana Rps gene family sequence for
disease resistance and primers and probes for
detection methods
INVENTOR(S): Ausubel, Frederick M.; Staskawicz, Brian J.;
Katagiri,
Fumiaki; Baker, Barbara; Ellis, Jeffrey; Salmeron,
John
PATENT ASSIGNEE(S): The General Hospital Corporation, USA; Commonwealth
Scientific and Industrial Research Organisation;
United States Dept. of Agriculture; The Regents of
the
University of California
SOURCE: U.S., 111 pp., Cont.-in-part of U.S. Ser. No.
227,360,
abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5981730	A	19991109	US 1994-310912	19940922
CA 2187546	AA	19951026	CA 1995-2187546	19950413
CA 2187771	AA	19951026	CA 1995-2187771	19950413
WO 9528423	A1	19951026	WO 1995-US4589	19950413
W:	AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TT, UA			
RW:	KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			

AU 9523565 A1 19951110 AU 1995-83565 19950413
 AU 693891 B2 19980709
 EP 763058 A1 19970319 EP 1995-917564 19950413
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE
 CN 1151183 A 19970604 CN 1995-193569 19950413
 HU 76257 A2 19970728 HU 1996-2809 19950413
 US 5859351 A 19990112 US 1996-680327 19960711
 US 6127607 A 20001003 US 1997-841089 19970429
 US 1994-227360 19940413
 US 1994-310912 19940922
 WO 1995-US4589 19950413

PRIORITY APPLN. INFO.:

REFERENCE COUNT: 27
 REFERENCE(S): (1) Anon; EP 0571911 1993 CAPLUS
 (3) Arlat; EMBO J 1994, V13, P543 CAPLUS
 (4) Bent; Science 1994, V265, P1856 CAPLUS
 (5) Bunz; Proc Natl Acad Sci 1993, V90, P11014 CAPLUS
 (6) Burbelo; Proc Natl Acad Sci 1993, V90, P11543 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 12 OF 50 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1999:676755 CAPLUS
 DOCUMENT NUMBER: 132:163722
 TITLE: Identification of an astacin matrix metalloprotease as
 target gene for Hydra foot activator peptides
 AUTHOR(S): Kumpfmuller, Gaby; Rybakine, Vassili; Takahashi, Toshio; Fujisawa, Toshitaka; Bosch, T. C. G.
 CORPORATE SOURCE: Zoological Institute University of Munich, Munich, D-80333, Germany
 SOURCE: Dev. Genes Evol. (1999), 209(10), 601-607
 CODEN: DGEVFT; ISSN: 0949-944X
 PUBLISHER: Springer-Verlag
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 30
 REFERENCE(S): (1) Bode, W; FEBS Lett 1993, V331, P134 CAPLUS
 (2) Bond, J; Protein Sci 1995, V4, P1247 CAPLUS
 (4) Bosch, T; Methods Mol Biol 1998, V86, P153 CAPLUS
 (5) Brennecke, T; Eur J Biochem 1998, V255, P703 CAPLUS
 (6) Endl, I; Proc Natl Acad Sci USA 1999, V96, P1445 CAPLUS
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 13 OF 50 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1999:659410 CAPLUS
 DOCUMENT NUMBER: 131:281539
 TITLE: Method for searching physiologically active substances, process for producing these substances and drugs found by the searching method
 INVENTOR(S): Sakamoto, Kenji
 PATENT ASSIGNEE(S): Nakoshi, Hideo, Japan
 SOURCE: PCT Int. Appl., 23 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9951627	A1	19991014	WO 1999-JP1796	19990405
W: AU, BR, CA, CN, JP, KR, RU, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				

AU 9930560
PRIORITY APPLN. I

A1 19991025

AU 1999-0560 19990405
JP 1998-08662 19980404
JP 1998-112819 19980408
WO 1999-JP1796 19990405

REFERENCE COUNT: 12
REFERENCE(S): (1) Anon; AU 9744707 A CAPLUS
(2) Anon; WO 98/14479 A1 CAPLUS
(3) Gremlich, S; Diabetes 1995, V44(10), P1202 CAPLUS
(4) Ito, M; Cell Growth Differ 1994, V5(10), P1127 CAPLUS
(5) Jonca, F; J Biol Chem 1997, V272(39), P24203 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 14 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1999:574183 CAPLUS
DOCUMENT NUMBER: 131:351669
TITLE: Chemical protein synthesis by solid phase ligation of unprotected peptide segments
AUTHOR(S): Canne, Lynne E.; Botti, Paolo; Simon, Reyna J.; Chen, Yijun; Dennis, Edward A.; Kent, Stephen B. H.
CORPORATE SOURCE: Gryphon Sciences, South San Francisco, CA, 94080, USA
SOURCE: J. Am. Chem. Soc. (1999), 121(38), 8720-8727
CODEN: JACSAT; ISSN: 0002-7863
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 39
REFERENCE(S): (1) Baca, M; J Am Chem Soc 1995, V117, P1881 CAPLUS
(2) Balboa, M; J Biol Chem 1996, V271, P32381 CAPLUS
(3) Bernhagen, J; Biochemistry 1994, V33, P14144 CAPLUS
(4) Bolin, K; FEBS Lett 1999, V451, P125 CAPLUS
(5) Campbell, J; Science 1998, V279, P381 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 15 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1999:549167 CAPLUS
DOCUMENT NUMBER: 131:179790
TITLE: Antimicrobial blood platelet-derived peptides and derived metapeptides
INVENTOR(S): Yeaman, Michael R.; Shen, Alexander J.
PATENT ASSIGNEE(S): Harbor-UCLA Research and Education Institute, USA
SOURCE: PCT Int. Appl., 166 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9942119	A1	19990826	WO 1999-US3350	19990217
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 9926836	A1	19990906	AU 1999-26836	19990217
EP 1056465	A1	20001206	EP 1999-907092	19990217
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			

PRIORITY APPLN. INFO.:

US 1998 05319 19980218
WO 1999 05350 19990217

REFERENCE COUNT: 3

REFERENCE(S): (1) Klenk; Nature (London) 1997, V390(6658), P364
CAPLUS
(2) Mee; J Pept Res 1997, V49(1), P89 CAPLUS
(3) Porro; US 5834430 A 1998 CAPLUS

L7 ANSWER 16 OF 50 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1999:500121 CAPLUS

DOCUMENT NUMBER: 131:254716

TITLE: Genetic selection of peptide inhibitors of biological pathways

AUTHOR(S): Norman, Thea C.; Smith, Dana L.; Sorger, Peter K.;
Drees, Becky L.; O'Rourke, Sean M.; Hughes, Timothy
R.; Roberts, Christopher J.; Friend, Stephen H.;
Fields, Stan; Murray, Andrew W.

CORPORATE SOURCE: Department of Physiology, University of California,
San Francisco, CA, 94143-0444, USA

SOURCE: Science (Washington, D. C.) (1999), 285(5427),
591-595

CODEN: SCIEAS; ISSN: 0036-8075

PUBLISHER: American Association for the Advancement of Science

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 38

REFERENCE(S): (1) Barr, F; Cell 1997, V91, P253 CAPLUS
(2) Cahill, D; Nature 1998, V392, P300 CAPLUS
(3) Cao, Y; Mol Cell Biol 1997, V17, P3323 CAPLUS
(4) Caponigro, G; Proc Natl Acad Sci 1998, V95, P7508
CAPLUS
(5) Chambers, A; Nucleic Acids Res 1988, V16, P8245
CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 17 OF 50 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1999:495371 CAPLUS

DOCUMENT NUMBER: 131:127192

TITLE: Enzymes modifying rhamnogalacturonan II, DNA coding
for the enzymes and method for producing the enzymes
INVENTOR(S): Vidal, Stephane; Dekker, Petrus Jacobus Theodorus;
Pellerin, Patrice Jacques Marie

PATENT ASSIGNEE(S): Institut National De La Recherche Agronomique, Fr.;
DSM N.V.

SOURCE: PCT Int. Appl., 65 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9938956	A2	19990805	WO 1999-EP619	19990201
WO 9938956	A3	19991021		

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE

PRIORITY APPLN. INFO.:

EP 1998-400207 19980130

L7 ANSWER 18 OF 50 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1999:443132 CAPLUS

DOCUMENT NUMBER: 131:208594

TITLE: Identification of oligopeptide sequences which
inhibit

migration induced by a wide range of chemokines
AUTHOR(S): Reckless, Jill; Grainger, David J.

CORPORATE SOURCE: Department of Medicine, Addenbrookes Hospital,
University of Cambridge, Cambridge, CB2 2QQ, UK
SOURCE: Biochem. J. (1999), 340(3), 803-811
CODEN: BIJOAK; ISSN: 0264-6021
PUBLISHER: Portland Press Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 32
REFERENCE(S): (1) Ahuja, S; Immunol Today 1994, V15, P281 CAPLUS
(2) Bleul, C; Nature (London) 1996, V382, P829 CAPLUS
(3) Brown, Z; J Leukocyte Biol 1996, V59, P75 CAPLUS
(4) Cocchi, F; Science 1995, V270, P1811 CAPLUS
(5) Conti, P; Blood 1997, V89, P4120 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 19 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1999:354342 CAPLUS
DOCUMENT NUMBER: 131:1472
TITLE: Protein methylase III from Spinacia oleracea and
method of inhibiting methylation of lysine-14 on the
large subunit of Rubisco
INVENTOR(S): Houtz, Robert L.
PATENT ASSIGNEE(S): University of Kentucky Research Foundation, USA
SOURCE: U.S., 36 pp., Cont.-in-part of U.S. 5,723,752.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5908972	A	19990601	US 1996-687916	19960729
US 5723752	A	19980303	US 1995-391000	19950221
CA 2261775	AA	19980205	CA 1997-2261775	19970728
WO 9804116	A1	19980205	WO 1997-US13095	19970728
W: AU, CA				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
SE				
AU 9738951	A1	19980220	AU 1997-38951	19970728
AU 723459	B2	20000824		
EP 948253	A1	19991013	EP 1997-936231	19970728
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
IE, FI				
PRIORITY APPLN. INFO.:			US 1995-391000	19950221
			US 1996-687916	19960729
			WO 1997-US13095	19970728

REFERENCE COUNT: 20
REFERENCE(S): (1) Black; The Journal of Biological Chemistry 1987,
V262(20), P9803 CAPLUS
(2) Eckes; Mol Gen Genet 1986, V205, P14 CAPLUS
(5) Houtz; Plant Physiol 1991, V97, P913 CAPLUS
(6) Houtz; Plant Physiology 1992, V98, P1170 CAPLUS
(7) Houtz; Proc Natl Acad Sci 1989, V86, P1855 CAPLUS
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 20 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1999:194178 CAPLUS
DOCUMENT NUMBER: 130:236476
TITLE: Chemokine-derived peptides, peptide variants,
derivatives and analogs for modulation of
inflammatory responses
INVENTOR(S): Grainger, David J.; Tatalick, Lauren Marie; Kanaly,
Suzanne T.
PATENT ASSIGNEE(S): Neorx Corporation, USA

SOURCE: PCT Int. Appl., 208 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9912968	A2	19990318	WO 1998-US19052	19980911
WO 9912968	A3	19990729		
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9893153	A1	19990329	AU 1998-93153	19980911
EP 1012187	A2	20000628	EP 1998-946057	19980911
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.:			US 1997-927939	19970911
			WO 1998-US19052	19980911

L7 ANSWER 21 OF 50 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1999:166725 CAPLUS
 DOCUMENT NUMBER: 130:205965
 TITLE: Cloning and cDNA sequence of human adipocyte-specific protein homolog zsig39
 INVENTOR(S): Sheppard, Paul O.; Humes, Jacqueline M.
 PATENT ASSIGNEE(S): Zymogenetics, Inc., USA
 SOURCE: PCT Int. Appl., 132 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9910492	A1	19990304	WO 1998-US17724	19980826
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9890362	A1	19990316	AU 1998-90362	19980826
EP 1009829	A1	20000621	EP 1998-942266	19980826
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
NO 2000000934	A	20000426	NO 2000-934	20000225
PRIORITY APPLN. INFO.:			US 1997-56983	19970826
			WO 1998-US17724	19980826

REFERENCE COUNT: 5
 REFERENCE(S):
 (1) Adams, M; EMBL Database entry HSZZ06874 1997
 (2) Maeda, K; BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS 1996, V221, P286 CAPLUS
 (3) Scherer, P; JOURNAL OF BIOLOGICAL CHEMISTRY 1995, V270(45), P26746 CAPLUS
 (4) Sellar, G; BIOMEDICAL JOURNAL 1991, V274, P481 CAPLUS

L7 ANSWER 22 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1999:8012 CAPLUS
DOCUMENT NUMBER: 130:66814
TITLE: Solid phase native chemical ligation of unprotected
or
N-terminal cysteine protected peptides in aqueous
solution
INVENTOR(S): Canne, Lynne; Kent, Stephen B. H.; Simon, Reyna
PATENT ASSIGNEE(S): Gryphon Sciences, USA
SOURCE: PCT Int. Appl., 87 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9856807	A1	19981217	WO 1998-US12278	19980612
W: AU, CA, JP, KR				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9880695	A1	19981230	AU 1998-80695	19980612
EP 1001968	A1	20000524	EP 1998-929035	19980612
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE, IE				
PRIORITY APPLN. INFO.:			US 1997-49553	19970613
			WO 1998-US12278	19980612
REFERENCE COUNT:	9			
REFERENCE(S):	(2) Anon; 1996, 1, CAPLUS			
	(3) Canne, L; Journal of The American Chemical Society 1996, V118(25), P5891 CAPLUS			
	(4) Canne, L; Tetrahedron Letters 1995, V36(8), P1217 CAPLUS			
	(5) Canne, L; Tetrahedron Letters 1997, V38(19), P3361 CAPLUS			
	(6) Hojo, H; Bulletin of The Chemical Society of Japan 1991, V64(1), P111 CAPLUS			
ALL CITATIONS AVAILABLE IN THE RE FORMAT				

L7 ANSWER 23 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1998:782256 CAPLUS
DOCUMENT NUMBER: 130:135788
TITLE: Cystatin and cystatin-derived peptides have
antibacterial activity against pathogen Porphyromonas
gingivalis
AUTHOR(S): Blankenvoorde, Michiel F. J.; Van't Hof, Wim;
Walgreen-Weterings, Els; Van Steenberghe, T. J.
Martijn; Brand, Henk S.; Veerman, Enno C. I.;
Amerongen, Arie V. Nieuw
CORPORATE SOURCE: Dep. Oral Biochemistry, Acad. Center Dentistry
Amsterdam, Amsterdam, 1081 BT, Neth.
SOURCE: Biol. Chem. (1998), 379(11), 1371-1375
CODEN: BICHF3; ISSN: 1431-6730
PUBLISHER: Walter de Gruyter & Co.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 34
REFERENCE(S): (1) Agarwala, K; J Biochem 1996, V119, P85 CAPLUS
(2) Aoki, H; Antimicrob Agents Chemother 1995, V39,
P846 CAPLUS

- (3) Beck-Sickinger, A; Peptide Res 1991, V4, P88
CAPLUS
(4) Bell, J; Arch Oral Biol 1997, V42, P761 CAPLUS
(7) Blankenvoorde, M; Biol Chem 1996, V377, P847
CAPLUS

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 24 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1998:508909 CAPLUS
DOCUMENT NUMBER: 129:156953
TITLE: Peptides and compounds that bind to the IL-1 receptor
INVENTOR(S): Barrett, Ronald W.; Yanofsky, Stephen D.; Baldwin,
David; Jacobs, Jeff W.; Bovy, Phillipe R.; Leahy,
Ellen M.; Pottorf, Richard S.
PATENT ASSIGNEE(S): Affymax Technologies N.V., UK; Hoechst Marion
Roussel,
Inc.
SOURCE: U.S., 118 pp. Cont.-in-part of U.S. Ser. No. 383,474.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 6
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5786331	A	19980728	US 1995-465391	19950605
US 5608035	A	19970304	US 1994-190788	19940202
US 5767234	A	19980616	US 1995-383474	19950201
PRIORITY APPLN. INFO.:			US 1994-190788	19940202
			US 1995-383474	19950201

L7 ANSWER 25 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1998:398352 CAPLUS
DOCUMENT NUMBER: 129:66850
TITLE: Cloning and expression of cDNA of human gene HVC002
and its clinical applications
INVENTOR(S): Yoshisue, Hajime; Saito, Akiko; Nakagawa, Satoshi;
Kuga, Tetsuro; Shinkai, Akeo; Koike, Masamichi;
Nishi,
Tatsunari
PATENT ASSIGNEE(S): Kyowa Hakko Kogyo Co., Ltd., Japan; Yoshisue, Hajime;
Saito, Akiko; Nakagawa, Satoshi; Kuga, Tetsuro;
Shinkai, Akeo; Koike, Masamichi; Nishi, Tatsunari
SOURCE: PCT Int. Appl., 92 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9824817	A1	19980611	WO 1997-JP4470	19971205
W: AU, BG, BR, CA, CN, CZ, HU, IL, JP, KR, MX, NO, NZ, PL, RO, SG, SI, SK, UA, US, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9851376	A1	19980629	AU 1998-51376	19971205
EP 949271	A1	19991013	EP 1997-946126	19971205
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRIORITY APPLN. INFO.:			JP 1996-325762	19961205
			WO 1997-JP4470	19971205

L7 ANSWER 26 OF 50 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1998:219834 CAPLUS
 DOCUMENT NUMBER: 128:278965
 TITLE: Method of searching for physiologically active substances and process for producing the same
 INVENTOR(S): Sakamoto, Kenji
 PATENT ASSIGNEE(S): Sakamoto, Kenji, Japan
 SOURCE: PCT Int. Appl., 15 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9814479	A1	19980409	WO 1997-JP3499	19971001
W: AU, BR, CA, CN, KR, RU, US, VN				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
JP 10109997	A2	19980428	JP 1996-281421	19961002
AU 9744707	A1	19980424	AU 1997-44707	19971001
EP 933380	A1	19990804	EP 1997-943131	19971001
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRIORITY APPLN. INFO.:			JP 1996-281421	19961002
			WO 1997-JP3499	19971001

L7 ANSWER 27 OF 50 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1998:219677 CAPLUS
 DOCUMENT NUMBER: 128:280782
 TITLE: Cloning, cDNA sequences, and antifungal and oxidase activities of plant antifungal proteins
 INVENTOR(S): Stuiver, Maarten Hendrik; Custers, Jerome Hubertus Henricus Victor; Sela-Buurlage, Marianne Beatrix; Melchers, Leo Sjoerd; Van Deventer-Troost, Johanna Pieterella Els; Lageweg, Wessel; Ponstein, Anne Silene
 PATENT ASSIGNEE(S): Mogen International N.V., Neth.; Stuiver, Maarten Hendrik; Custers, Jerome Hubertus Henricus Victor; Sela-Buurlage, Marianne Beatrix; Melchers, Leo Sjoerd;
 Van Deventer-Troost, Johanna Pieterella Els;
 Lageweg, Wessel; Ponstein, Anne Silene
 SOURCE: PCT Int. Appl., 139 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9813478	A2	19980402	WO 1997-EP4923	19970904
WO 9813478	A3	19980820		
W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HU, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SD, SG, SI, SK, SL, TR, TT, UA, UG, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9858531	A1	19980417	AU 1998-58531	19970904
AU 718274	B2	20000413		
EP 939798	A2	19990908	EP 1997-954338	19970904
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SE, LT, LV, FI, RO
CN 1233290 A 19991027
PRIORITY APPLN. INFO.:

CN 1997-8755 19970904
EP 1996-202466 19960904
EP 1997-200831 19970319
WO 1997-EP4923 19970904

L7 ANSWER 28 OF 50 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1998:94764 CAPLUS
DOCUMENT NUMBER: 128:189193
TITLE: Spinach Rubisco large subunit N-methyltransferase and
its gene and cDNA
INVENTOR(S): Houtz, Robert L.
PATENT ASSIGNEE(S): University of Kentucky, USA
SOURCE: PCT Int. Appl., 42 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9804116	A1	19980205	WO 1997-US13095	19970728
W: AU, CA				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 5908972	A	19990601	US 1996-687916	19960729
AU 9738951	A1	19980220	AU 1997-38951	19970728
AU 723459	B2	20000824		
EP 948253	A1	19991013	EP 1997-936231	19970728
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRIORITY APPLN. INFO.:			US 1996-687916	19960729
			US 1995-391000	19950221
			WO 1997-US13095	19970728

L7 ANSWER 29 OF 50 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1998:12085 CAPLUS
DOCUMENT NUMBER: 128:113797
TITLE: Diminished class II-associated Ii peptide binding to
the juvenile dermatomyositis HLA-DQ.alpha.1*0501/DQ.beta.1*0301 molecule
AUTHOR(S): Reed, Ann M.; Collins, Edward J.; Shock, Lisa P.;
Klapper, David G.; Frelinger, Jeffrey A.
CORPORATE SOURCE: Department Pediatrics, University North Carolina,
Chapel Hill, NC, 27599, USA
SOURCE: J. Immunol. (1997), 159(12), 6260-6265
CODEN: JOIMA3; ISSN: 0022-1767
PUBLISHER: American Association of Immunologists
DOCUMENT TYPE: Journal
LANGUAGE: English

L7 ANSWER 30 OF 50 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1997:135665 CAPLUS
DOCUMENT NUMBER: 126:223121
TITLE: Systematic isolation of peptide signal molecules
regulating development in hydra: LW amide and PW
families
AUTHOR(S): Takahashi, Toshio; Muneoka, Yojiro; Lohmann, Jan;
Thomas Lopez de Haro, Maria S.; Solleder, Gaby; Bosch,
C. G.; David, Charles N.; Bode, Hans R.; Koizumi,
Osamu; Shimizu, Hiroshi; Hatta, Masayuki; Fujisawa,
Toshitaka; Sugiyama, Tsutomu
CORPORATE SOURCE: Fac. Integrated Arts and Sci., Hiroshima Univ.,
Hiroshima, 739, Japan

SOURCE: Proc. Natl. Acad. Sci. U. S. A. (1997), 94(4),
1241-1246
CODEN: PNASA6; ISSN: 0027-8424
PUBLISHER: National Academy of Sciences
DOCUMENT TYPE: Journal
LANGUAGE: English

L7 ANSWER 31 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1996:711951 CAPLUS
DOCUMENT NUMBER: 126:58562
TITLE: A common structural motif in immunopotentiating
peptides with sequences present in human
autoantigens.

Elicitation of a response mediated by monocytes and
Th1 cells
AUTHOR(S): Lopez-Moratalla, Natalia; Ruiz, Elena; Lopez-Zabalza,
Maria J.; Santiago, Esteban
CORPORATE SOURCE: Department of Biochemistry, University of Navarra,
Pamplona, Spain
SOURCE: Biochim. Biophys. Acta (1996), 1317(3), 183-191
CODEN: BBACAQ; ISSN: 0006-3002
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English

L7 ANSWER 32 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1996:422559 CAPLUS
DOCUMENT NUMBER: 125:107079
TITLE: New sequences of hepatitis C virus genotypes and
their

use as prophylactic, therapeutic and diagnostic

agents
INVENTOR(S): Maertens, Geert; Stuyver, Lieven
PATENT ASSIGNEE(S): Innogenetics N.V., Belg.
SOURCE: PCT Int. Appl., 151 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9613590	A2	19960509	WO 1995-EP4155	19951023
WO 9613590	A3	19960815		
W:	AL, AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK			
RW:	KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
AU 9538440	A1	19960523	AU 1995-38440	19951023
AU 702436	B2	19990218		
BR 9509421	A	19970930	BR 1995-9421	19951023
EP 804584	A1	19971105	EP 1995-936537	19951023
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV			
JP 10507643	T2	19980728	JP 1995-514299	19951023
PRIORITY APPLN. INFO.:			EP 1994-870166	19941021
			EP 1995-870076	19950628
			WO 1995-EP4155	19951023

L7 ANSWER 33 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1996:257152 CAPLUS
DOCUMENT NUMBER: 124:314760

TITLE: Design and evaluation of small peptides mapping the exposed surface of IL-8

AUTHOR(S): Thompson, Scott K.; Veber, Daniel F.; Jurewicz, Anthony J.; Peishoff, Catherine E.; Lee, Judithann M.;

CORPORATE SOURCE: White, John R.
Deps. Med. Chem., Biomol. Discovery, Phys. & Structural Chem. Immunology, SmithKline Beecham Pharmaceuticals, King of Prussia, PA, 19406, USA

SOURCE: Int. J. Pept. Protein Res. (1996), 47(3), 214-18
CODEN: IJPPC3; ISSN: 0367-8377

DOCUMENT TYPE: Journal

LANGUAGE: English

L7 ANSWER 34 OF 50 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1995:986318 CAPLUS

DOCUMENT NUMBER: 124:30436

TITLE: Preparation of peptides and compounds that bind to the interleukin-1 receptor

INVENTOR(S): Yanofsky, Stephen D.; Barrett, Ronald W.; Baldwin, David; Jacobs, Jeff W.

PATENT ASSIGNEE(S): Affymax Technologies N.V., Neth.

SOURCE: PCT Int. Appl., 55 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 6

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9520973	A1	19950810	WO 1995-US1590	19950201
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US				
RW: KE, MW, SD, SZ, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5608035	A	19970304	US 1994-190788	19940202
AU 9518725	A1	19950821	AU 1995-18725	19950201
ZA 9500788	A	19960208	ZA 1995-788	19950201
PRIORITY APPLN. INFO.: US 1994-190788 19940202 WO 1995-US1590 19950201				

OTHER SOURCE(S): MARPAT 124:30436

L7 ANSWER 35 OF 50 CAPLUS COPYRIGHT 2001 ACS

ACCESSION NUMBER: 1995:967455 CAPLUS

DOCUMENT NUMBER: 124:7068

TITLE: MHC class I peptide binding motifs

PATENT ASSIGNEE(S): Ixsys, Inc., USA

SOURCE: PCT Int. Appl., 46 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9527901	A1	19951019	WO 1995-US4509	19950410
W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, JP, KG, KP, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MW, MX, NO, NZ, PL, RO, RU, SI, SK, TJ, TT, UA, UZ, VN				
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT,				

LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE,
SN, TG

AU 9522875 A1 19951030 AU 1995-22875 19950410
PRIORITY APPLN. INFO.: US 1994-227101 19940411
WO 1995-US4509 19950410

L7 ANSWER 36 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1995:897087 CAPLUS
DOCUMENT NUMBER: 123:311095
TITLE: A peptide derived from a tissue factor loop region
functions as a tissue factor-factor VIIa antagonist
AUTHOR(S): Paborsky, Lisa R.; Law, Veronica S.; Mao, Cheri T.;
Leung, Lawrence L. K.; Gibbs, Craig S.
CORPORATE SOURCE: Gilead Sciences Inc., Foster City, CA, 94404, USA
SOURCE: Biochemistry (1995), 34(46), 15328-33
CODEN: BICHAW; ISSN: 0006-2960
DOCUMENT TYPE: Journal
LANGUAGE: English

L7 ANSWER 37 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1995:645191 CAPLUS
DOCUMENT NUMBER: 123:54140
TITLE: Preparation of monoclonal antibody to LD78
polypeptide
INVENTOR(S): Fujama, Yoshihide; Ide, Toshio; Sasaki, Takumi;
Tokyoshi, Yukio; Imagawa, Yoshitaka
PATENT ASSIGNEE(S): Chemo Sero Therapeut Res Inst, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07067689	A2	19950314	JP 1994-142577	19940531
PRIORITY APPLN. INFO.:			JP 1993-154122	19930531

L7 ANSWER 38 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1995:394905 CAPLUS
DOCUMENT NUMBER: 123:107646
TITLE: Sequences from hepatitis C virus genomes and their
use
in the development of diagnostic and therapeutic
agents
INVENTOR(S): Maertens, Geert; Stuyver, Lieven
PATENT ASSIGNEE(S): N.V. Innogenetics S.A., Belg.
SOURCE: PCT Int. Appl., 404 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9425601	A2	19941110	WO 1994-EP1323	19940427
WO 9425601	A3	19950302		
W:	AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, GE, HU, JP, KG, KP, KR, KZ, LK, LU, LV, MD, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US, UZ, VN			
RW:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
CA 2139100	AA	19941110	CA 1994-2139100	19940427
AU 9467222	A1	19941121	AU 1994-67222	19940427

AU 688323 B2 19980312
 EP 651807 A1 19950510 EP 1994-5550 19940427
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT,
 SE
 CN 1108030 A 19950906 CN 1994-190232 19940427
 JP 07508423 T2 19950921 JP 1994-523877 19940427
 BR 9405334 A 19990525 BR 1994-5334 19940427
 EP 984068 A2 20000308 EP 1999-118784 19940427
 EP 984068 A3 20000920
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI
 EP 984067 A2 20000308 EP 1999-118785 19940427
 EP 984067 A3 20000927
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI
 EP 1004670 A2 20000531 EP 1999-118783 19940427
 EP 1004670 A3 20000920
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI
 NO 9404967 A 19941221 NO 1994-4967 19941221
 FI 9406066 A 19941223 FI 1994-6066 19941223
 PRIORITY APPLN. INFO.:
 EP 1993-401099 19930427
 EP 1993-402019 19930805
 EP 1994-915550 19940427
 WO 1994-EP1323 19940427

L7 ANSWER 39 OF 50 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1994:623196 CAPLUS
 DOCUMENT NUMBER: 121:223196
 TITLE: Binding of a soluble .alpha..beta. T-cell receptor to
 superantigen/major histocompatibility complex ligands
 AUTHOR(S): Kappler, John; White, Janice; Kozono, Haruo;
 Clements,
 Janice; Marrack, Philippa
 CORPORATE SOURCE: Dep. Medicine, National Jewish Center Immunology
 Respiratory Medicine, Denver, CO, 80206, USA
 SOURCE: Proc. Natl. Acad. Sci. U. S. A. (1994), 91(18),
 8462-6
 CODEN: PNASA6; ISSN: 0027-8424
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L7 ANSWER 40 OF 50 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1994:558206 CAPLUS
 DOCUMENT NUMBER: 121:158206
 TITLE: Preparation of peptides for diagnosis of Chlamydia
 trachomatis
 INVENTOR(S): Watanabe, Hiroo; Higuchi, Akihiro; Sekine, Yoshika;
 Yamamoto, Yasuo; Hayashi, Takashi; Kawagoe, Kyotaka
 PATENT ASSIGNEE(S): Hitachi Chemical Co Ltd, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06032799	A2	19940208	JP 1992-189270	19920716

L7 ANSWER 41 OF 50 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1993:146093 CAPLUS
 DOCUMENT NUMBER: 118:146093
 TITLE: Humanized antibody against human interleukin-6
 receptor

INVENTOR(S): Tsuchiya, Masayuki; Sato, Tadahiko; Bendig, Mary Margaret;
 Jones, Steven Tarran; Saldaña, Jose William
 PATENT ASSIGNEE(S): Chugai Seiyaku K. K., Japan
 SOURCE: PCT Int. Appl., 207 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9219759	A1	19921112	WO 1992-JP544	19920424
W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KR, LK, MG, MN, MW, NO, PL, RO, RU, SD, US				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, MC, ML, MR, NL, SE, SN, TD, TG				
JP 05236966	A2	19930917	JP 1991-95476	19910425
JP 05227970	A2	19930907	JP 1992-32084	19920219
AU 9216740	A1	19921221	AU 1992-16740	19920424
AU 668349	B2	19960502		
EP 628639	A1	19941214	EP 1992-909376	19920424
EP 628639	B1	19990623		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, NL, SE				
HU 70258	A2	19950928	HU 1993-3002	19920424
HU 218140	B	20000628		
AT 181575	E	19990715	AT 1992-909376	19920424
ES 2134212	T3	19991001	ES 1992-909376	19920424
RU 2139351	C1	19991010	RU 1993-55358	19920424
JP 2000116391	A2	20000425	JP 1999-338286	19920424
ZA 9203021	A	19930127	ZA 1992-3021	19920427
US 5795965	A	19980818	US 1993-137117	19931220
US 5817790	A	19981006	US 1995-436717	19950508
AU 9656213	A1	19961024	AU 1996-56213	19960626
AU 692100	B2	19980528		
PRIORITY APPLN. INFO.:			JP 1991-95476	19910425
			JP 1992-32084	19920219
			JP 1992-508898	19920424
			WO 1992-JP544	19920424
			US 1993-137117	19931220

L7 ANSWER 42 OF 50 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1992:590141 CAPLUS
 DOCUMENT NUMBER: 117:190141
 TITLE: A novel cytokine and cloning and expression of the corresponding cDNA
 INVENTOR(S): Caput, Daniel; Ferrara, Pascual; Miloux, Brigitte; Minty, Adrian; Vita, Natalio
 PATENT ASSIGNEE(S): Elf Sanofi, Fr.
 SOURCE: Eur. Pat. Appl., 45 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 488900	A1	19920603	EP 1991-403243	19911129
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
FR 2669930	A1	19920605	FR 1990-14961	19901129
FR 2669930	B1	19950414		
WO 9209629	A1	19920611	WO 1991-FR949	19911129
W: JP, US				
JP 05503945	T2	19930624	JP 1992-501436	19911129
US 6001649	A	19991214	US 1992-927391	19920929

L7 ANSWER 43 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1992:531566 CAPLUS
DOCUMENT NUMBER: 117:131566
TITLE: Preparation of nonlinear peptides and their affinity
for pro-endothelin and .alpha.-TNF fragments.
INVENTOR(S): Fassina Giorgio; Corti, Angelo
PATENT ASSIGNEE(S): Tecnogen S.C.P.A., Italy
SOURCE: Eur. Pat. Appl., 22 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 481930	A2	19920422	EP 1991-830428	19911014
EP 481930	A3	19930630		
EP 481930	B1	19970618		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
EP 751225	A1	19970102	EP 1996-114931	19911014
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
PRIORITY APPLN. INFO.:			IT 1990-48365	19901015
			IT 1991-RO261	19910415
			IT 1991-RM261	19910415
			EP 1991-830428	19911014

L7 ANSWER 44 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1992:529862 CAPLUS
DOCUMENT NUMBER: 117:129862
TITLE: Active site of interleukin-8 (IL-8): polypeptide
analogs and antibodies
INVENTOR(S): Schraufstatter, Ingrid; Cochrane, Charles
PATENT ASSIGNEE(S): Scripps Research Institute, USA
SOURCE: PCT Int. Appl., 56 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9204372	A1	19920319	WO 1991-US6619	19910912
W: AU, CA, FI, JP, KR, NO				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LU, NL, SE				
CA 2091558	AA	19920313	CA 1991-2091558	19910912
AU 9185357	A1	19920330	AU 1991-85357	19910912
EP 550528	A1	19930714	EP 1991-916814	19910912
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
US 5831032	A	19981103	US 1996-643515	19960506
PRIORITY APPLN. INFO.:			US 1990-581673	19900912
			US 1991-755824	19910906
			WO 1991-US6619	19910912
			US 1994-342348	19941121

L7 ANSWER 45 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1992:256055 CAPLUS
DOCUMENT NUMBER: 116:256055
TITLE: Preparation of neutrophil activating factor segments
for treatment of adult respiratory distress syndrome
INVENTOR(S): Cohen, Allen B.; Miller, Edmund J.; Nagao, Shigeki;
Carr, Ferdicia K.

PATENT ASSIGNEE(S) University of Texas System, USA
 SOURCE: U.S., 11 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5079228	A	19920107	US 1990-475658	19900205

L7 ANSWER 46 OF 50 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1991:183863 CAPLUS
 DOCUMENT NUMBER: 114:183863
 TITLE: Hematopoiesis-regulating polypeptides
 INVENTOR(S): Iizuka, Masahiko; Ogawa, Takayoshi
 PATENT ASSIGNEE(S): Biomaterial Kenkyusho K. K., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02240099	A2	19900925	JP 1989-59576	19890314

L7 ANSWER 47 OF 50 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1990:546136 CAPLUS
 DOCUMENT NUMBER: 113:146136
 TITLE: The kil-kor regulon of broad-host-range plasmid RK2: nucleotide sequence, polypeptide product, and expression of regulatory gene korC
 AUTHOR(S): Kornacki, Jon A.; Burlage, Robert S.; Figurski, David H.
 CORPORATE SOURCE: Coll. Physicians Surg., Columbia Univ., New York, NY, 10032, USA
 SOURCE: J. Bacteriol. (1990), 172(6), 3040-50
 CODEN: JOBAAY; ISSN: 0021-9193
 DOCUMENT TYPE: Journal
 LANGUAGE: English

L7 ANSWER 48 OF 50 CAPLUS COPYRIGHT 2001 ACS
 ACCESSION NUMBER: 1990:233064 CAPLUS
 DOCUMENT NUMBER: 112:233064
 TITLE: T-cell activation marker H400 and its encoding nucleic acid
 INVENTOR(S): Brown, Keith D.; Mosmann, Timothy R.; Zurawski, Gerald; Zurawski, Sandra M.
 PATENT ASSIGNEE(S): Schering Biotech Corp., USA
 SOURCE: Eur. Pat. Appl., 16 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 329363	A1	19890823	EP 1989-301341	19890213
EP 329363	B1	19930331		
R: ES, GR				
US 5001230	A	19910319	US 1988-157743	19880218

WO 8907646 A1 19890824 WO 1989-US488 19890213
W: AU, BG, BR, DK, FI, HU, JP, KP, KR, LK, MC, MG, MW, NO, RO,
SD, SU
RW: AT, BE, BJ, CF, CG, CH, CM, DE, FR, GA, GB, IT, LU, ML, MR, NL,
SE, SN, TD, TG
AU 8931928 A1 19890906 AU 1989-31928 19890213
EP 415930 A1 19910313 EP 1989-902878 19890213
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE
JP 03504316 T2 19910926 JP 1989-502671 19890213
JP 2910861 B2 19990623
AT 87655 E 19930415 AT 1989-301341 19890213
ES 2046462 T3 19940201 ES 1989-301341 19890213
US 5136022 A 19920804 US 1991-640618 19910114
PRIORITY APPLN. INFO.: US 1988-157743 19880218
EP 1989-301341 19890213
WO 1989-US488 19890213

L7 ANSWER 49 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1983:155818 CAPLUS
DOCUMENT NUMBER: 98:155818
TITLE: Rat pancreatic ribonuclease messenger RNA. The
derived nucleotide sequence of the entire mRNA and the
amino acid sequence of the pre-enzyme
AUTHOR(S): MacDonald, Raymond J.; Stary, S. Jennifer; Swift,
Galvin H.
CORPORATE SOURCE: Health Sci. Cent., Univ. Texas, Dallas, TX, 75235,
USA
SOURCE: J. Biol. Chem. (1982), 257(24), 14582-5
CODEN: JBCHA3; ISSN: 0021-9258
DOCUMENT TYPE: Journal
LANGUAGE: English

L7 ANSWER 50 OF 50 CAPLUS COPYRIGHT 2001 ACS
ACCESSION NUMBER: 1981:564160 CAPLUS
DOCUMENT NUMBER: 95:164160
TITLE: Structures of eleven zervamicin and two emerimicin
peptide antibiotics studied by fast atom bombardment
mass spectrometry
AUTHOR(S): Rinehart, Kenneth L., Jr.; Gaudioso, Larry A.; Moore,
Michael L.; Pandey, Ramesh C.; Cook, J. Carter, Jr.;
Barber, Michael; Sedgwick, R. Donald; Bordoli, Robert
S.; Tyler, Andrew N.; Green, Brian N.
CORPORATE SOURCE: Sch. Chem. Sci., Univ. Illinois, Urbana, IL, 61801,
USA
SOURCE: J. Am. Chem. Soc. (1981), 103(21), 6517-20
CODEN: JACSAT; ISSN: 0002-7863
DOCUMENT TYPE: Journal
LANGUAGE: English

=> log y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	49.02	111.67

STN INTERNATIONAL LOGOFF AT 13:06:36 ON 30 JAN 2001

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:16:12 ON 30 JAN 2001

=> file registry

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.42	0.42

FILE 'REGISTRY' ENTERED AT 11:17:06 ON 30 JAN 2001
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DICTIONARY FILE UPDATES: 29 JAN 2001 HIGHEST RN 318233-39-5

TSCA INFORMATION NOW CURRENT THROUGH July 8, 2000

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT
for details.

=> s wvq/sqsp

L1 4857 WVQ/SQSP

=> s kqk/sqsp

L2 23500 KQK/SQSP

=> s wvq/sqsp and sql<=30

COMMAND INTERRUPTED

If this message appears repeatedly, please notify the Help Desk.
Enter "HELP STN" for information on contacting the nearest STN Help
Desk by telephone or via SEND in the STNMAIL file.

=> s wvq/sqsp and sql<=30

COMMAND INTERRUPTED

If this message appears repeatedly, please notify the Help Desk.
Enter "HELP STN" for information on contacting the nearest STN Help
Desk by telephone or via SEND in the STNMAIL file.

=> log y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	54.10	54.52

STN INTERNATIONAL LOGOFF AT 11:22:49 ON 30 JAN 2001

08927939Results

SEQ ID NO: 85

RESULT 13

AA14244

ID AA14244 standard; peptide; 12 AA.

XX

AC AA14244;

XX

DT 29-JUL-1999 (first entry)

XX

DE Chemokine peptide, Ile11Pep3(1-12) [MCP-1].

XX

KW Chemokine; immune response; monocyte chemoattractant protein-1; MCP-1;
 KW chemokine-induced activity; inflammatory response; vascular indication;
 KW haematopoietic cell-associated activity; tumour; coronary artery disease;
 KW myocardial infarction; unstable angina pectoris; atherosclerosis; asthma;
 KW vasculitis; lentiviral infection; low bone mineral density; suppressor;
 KW parasitic infection; autoimmune disease; psoriasis; wound healing;
 KW organ transplant rejection; rheumatoid arthritis; allergy; therapy;
 KW arachidonic acid pathway.

XX

OS Homo sapiens.

OS Synthetic.

XX

PN WO9912968-A2.

XX

PD 18-MAR-1999.

XX

PF 11-SEP-1998; 98WO-US19052.

XX

PR 11-SEP-1997; 97US-0927939.

XX

PA (NEOR-) NEORX CORP.

XX

PI Grainger DJ, Kanaly ST, Tatalick LM;

XX

DR WPI; 1999-347124/29.

XX

PT New chemokine peptides and mimetics

XX

PS Example 1; Page 134; 208pp; English.

XX

CC This sequence represents a fragment of the chemokine hMCP-1.

CC The invention relates to chemokine peptides and mimetics, particularly
 CC derived from monocyte chemoattractant protein-1 (MCP-1). The chemokine
 CC peptides and variants and derivatives can inhibit or reduce or increase,
 CC or enhance chemokine-induced activity. They can be used for increasing or
 CC enhancing an inflammatory response, an immune response or haematopoietic
 CC cell-associated activity at a tumour site. They can also be used for
 CC preventing or inhibiting an indication associated with haematopoietic
 CC cell recruitment or histamine release from basophils or mast cells. They
 CC can also be used to modulate the chemokine-induced activity of
 CC haematopoietic cells at a preselected physiological site, to treat a
 CC vascular indication, e.g. coronary artery disease, myocardial infarction,
 CC unstable angina pectoris, atherosclerosis, or vasculitis, lentiviral
 CC infection or replication (e.g. HIV), low bone mineral density, a
 CC parasitic infection in a vertebrate animal (e.g. malaria), an autoimmune
 CC disease, to suppress tumour growth in a vertebrate animal, to prevent or
 CC treat psoriasis in a mammal, to enhance wound healing, to prevent or
 CC treat asthma, organ transplant rejection, rheumatoid arthritis or
 CC allergy. They can also be used to inhibit a product or intermediate in
 CC the arachidonic acid pathway and where leukotriene, thromboxane and/or
 CC prostaglandin are inhibited and to prevent or inhibit an indication
 CC associated with elevated TNF-alpha.

XX

SQ Sequence 12 AA;

Query Match

91.8%; Score 56; DB 20; Length 12;

Best Local Similarity 90.0%; Pred. No. 0.0029;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 CLDPKQKWIQ 10
| |||||
Db 3 CADPKQKWIQ 12

No.	Score	Match	Length	DB	ID	Description
1	57	93.4	79	2	US-08-436-420-36	Sequence 36, Appl
2	57	93.4	81	2	US-08-436-420-34	Sequence 34, Appl
3	55	90.2	68	4	US-09-463-458A-9	Sequence 9, Appli
4	55	90.2	68	4	US-09-463-458A-26	Sequence 26, Appl
5	55	90.2	68	4	US-09-463-458A-29	Sequence 29, Appl
6	55	90.2	68	4	US-09-463-458A-30	Sequence 30, Appl
7	55	90.2	69	4	US-09-463-458A-31	Sequence 31, Appl
8	55	90.2	69	4	US-09-463-458A-32	Sequence 32, Appl
9	55	90.2	76	1	US-07-956-862A-1	Sequence 1, Appli

SEQ ID NO: 84

Result	No.	Score	Query	Match	Length	DB	ID	Description
	1	28	82.4	148	22	AAU42358		Propionibacterium
	2	28	82.4	149	22	AAU54448		Propionibacterium
	3	28	82.4	444	22	AAU54425		Propionibacterium
	4	28	82.4	5435	22	AAE10145		Streptomyces nours
	5	27	79.4	12	21	AAB15801		Human chemokine de
	6	27	79.4	12	21	AAB15802		Human chemokine de
	7	27	79.4	29	22	ABG26605		Novel human diagno

RESULT 8

AAR38980

ID AAR38980 standard; Protein; 69 AA.

XX

AC AAR38980;

XX

DT 23-NOV-1993 (first entry)

XX

DE LD78 Glu55>Ser.

XX

KW SCI; stem cell inhibition; LD78; ACT2; MIP-1alpha;

KW macrophage inflammatory protein; multimer; tumour therapy;

KW psoriasis; hyperproliferation.

XX

OS Homo sapiens.

XX

PN WO9313206-A.

XX

PD 08-JUL-1993.

XX

PF 23-DEC-1992; 92WO-GB02390.

XX

PR 23-DEC-1991; 91GB-0027319.

PR 14-OCT-1992; 92GB-0021587.

XX

PA (BRBI-) BRITISH BIO-TECHNOLOGY LTD.

XX
PI Craig S, Czaplewski LG, Edwards RM, Gilbert RJ;
PI Hunter MG;
XX
DR WPI; 1993-227322/28.
XX
PT Protein with stem cell inhibition activity, e.g. LD78 or MIP-1
PT alpha - unable to form stable multimer higher than dodecamer,
PT providing better tissue penetration
XX
PS Example 55; Page 70; 294pp; English.
XX
CC Analogues of natural stem cell inhibitors, such as LD78 and MIP-
CC 1alpha, having mutations to prevent or reduce multimer formation
CC beyond certain stages (e.g. dodecamer), have improved solution
CC properties leading to enhanced productivity and greater therapeutic
CC utility as stem cell protective agents. The analogues may be used
CC in tumour therapy, psoriasis or other diseases involving hyper-
CC proliferative stem cells.
CC Most pref. LD78 analogues are Phe12>Gln, Lys44>Ser, Arg17>Glu (with
CC Gln18>Glu) and, esp., Asp26>Ala and Glu66>Ser. Pref. MIP-1alpha
CC analogues correspond to the pref. LD78 analogues.
XX
SQ Sequence 69 AA;

Query Match 79.4%; Score 27; DB 14; Length 69;
Best Local Similarity 50.0%; Pred. No. 1.7e+02;
Matches 4; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2 DPXXXWXQ 9
|||
Db 52 DPSSEWVQ 59

SUMMARIES

Result No.	Score	% Match	Query Length	DB	ID	Description
1	27	79.4	65	1	US-08-330-163-15	Sequence 15, Appl
2	27	79.4	65	1	US-08-482-111-15	Sequence 15, Appl
3	27	79.4	68	2	US-08-615-232A-10	Sequence 10, Appl
4	27	79.4	68	3	US-08-470-323-10	Sequence 10, Appl
5	27	79.4	69	2	US-08-716-188-6	Sequence 6, Appli
6	27	79.4	69	3	US-07-982-759F-35	Sequence 35, Appl
7	27	79.4	74	2	US-08-450-905B-35	Sequence 35, Appl
8	27	79.4	91	1	US-08-480-449-22	Sequence 22, Appl
9	27	79.4	91	2	US-08-660-542-22	Sequence 22, Appl
10	27	79.4	91	4	US-08-479-603-22	Sequence 22, Appl
11	27	79.4	92	1	US-07-792-988-2	Sequence 2, Appli
12	27	79.4	92	1	US-08-347-492B-11	Sequence 11, Appl
13	27	79.4	92	1	US-08-375-346A-4	Sequence 4, Appli
14	27	79.4	92	2	US-08-421-144A-4	Sequence 4, Appli

RESULT 14
US-08-421-144A-4
; Sequence 4, Application US/08421144A
; Patent No. 5874211
; GENERAL INFORMATION:
; APPLICANT: BANDMAN, OLGA
; APPLICANT: COLEMAN, ROGER
; APPLICANT: STUART, SUSAN G.
; TITLE OF INVENTION: NEW CHEMOKINE EXPRESSED IN EOSINOPHILS
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: INCYTE PHARMACEUTICALS, INC.
; STREET: 3174 Porter Drive
; CITY: Palo Alto

```

; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/421,144A
; FILING DATE: 13-APR-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Luther, Barbara J.
; REGISTRATION NUMBER: 33954
; REFERENCE/DOCKET NUMBER: PF-0031 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-855-0555
; TELEFAX: 415-852-0195
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 92 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-421-144A-4

```

```

Query Match          79.4%; Score 27; DB 2; Length 92;
Best Local Similarity 50.0%; Pred. No. 75;
Matches 4; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

Qy      2 DPXXXWXQ 9
      ||  ||
Db      76 DPSESWVQ 83

```

SUMMARIES

Result No.	Query		Length	DB	ID	Description
	Score	Match				
1	28	82.4	412	2	A97392	aminopeptidase T (
2	28	82.4	412	2	AB2610	aminopeptidase amp
3	27	79.4	50	2	C60407	monocyte adherence
4	27	79.4	92	1	A31767	macrophage inflamm
5	27	79.4	128	2	G96562	hypothetical prote
6	27	79.4	217	2	T33353	hypothetical prote
7	27	79.4	268	2	B64794	hypothetical prote
8	27	79.4	380	2	T19932	hypothetical prote
9	27	79.4	508	2	G90372	4-hydroxyphenylace
10	27	79.4	542	2	A82965	hypothetical prote
11	27	79.4	588	2	I37202	B-CAM protein - hu
12	27	79.4	628	2	I38000	Lutheran blood gro

Result No.	Query		Length	DB	ID	Description
	Score	Match				
1	27	79.4	92	1	SY04_HUMAN	P13236 h small ind
2	27	79.4	248	1	DSBG_ECOLI	P77202 escherichia
3	27	79.4	628	1	LU_HUMAN	P50895 homo sapien
4	27	79.4	669	1	EFGL_SYNY3	Q55421 synechocyst
5	27	79.4	812	1	FAED_ECOLI	P06970 escherichia
6	27	79.4	1091	1	ATN1_YEAST	P13587 saccharomyc
7	27	79.4	1091	1	ATN2_YEAST	Q01896 saccharomyc
8	27	79.4	1091	1	ATN5_YEAST	Q12691 saccharomyc
9	27	79.4	1171	1	TRI2_STRCO	Q9rkb9 streptomyce
10	27	79.4	1322	1	SAL1_MOUSE	Q9er74 mus musculu
11	27	79.4	1324	1	SAL1_HUMAN	Q9nsc2 homo sapien
12	27	79.4	4473	1	PLE1_CRIGR	Q9ji55 cricetulus

13	27	79.4	4687	1	PLE1_RAT	P30427 rattus norv
14	26	76.5	92	1	SY03_HUMAN	P10147 homo sapien
15	26	76.5	92	1	SY03_RAT	P50229 rattus norv
16	26	76.5	93	1	SY3L_HUMAN	P16619 homo sapien
17	26	76.5	99	1	SY07_HUMAN	P80098 homo sapien
18	26	76.5	103	1	EMF1_CHICK	P08317 gallus gall
19	26	76.5	109	1	SZ13_HUMAN	O43927 homo sapien
20	26	76.5	120	1	SY02_CAVPO	Q08782 cavia por

ALIGNMENTS

RESULT 1

SY04_HUMAN

ID SY04_HUMAN STANDARD; PRT; 92 AA.

AC P13236; P22617; Q13704;

DT 01-JAN-1990 (Rel. 13, Created)

DT 01-JAN-1990 (Rel. 13, Last sequence update)

DT 15-JUN-2002 (Rel. 41, Last annotation update)

DE Small inducible cytokine A4 precursor (CCL4) (Macrophage inflammatory protein 1-beta) (MIP-1-beta) (T-cell activation protein 2) (ACT-2) (PAT 744) (H400) (SIS-gamma) (Lymphocyte activation gene-1 protein) (LAG-1) (HC21) (G-26 T lymphocyte-secreted protein).

GN SCYA4 OR MIP1B OR LAG1.

OS Homo sapiens (Human).

OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

OX NCBI_TaxID=9606;

RN [1]

RP SEQUENCE FROM N.A.

RX MEDLINE=89071764; PubMed=2462251;

RA Lipas M.A., Napolitano M., Jeang K.-T., Chang N.T., Leonard W.J.;

RT "Identification, cloning, and characterization of an immune activation gene.";

RL Proc. Natl. Acad. Sci. U.S.A. 85:9704-9708(1988).

RN [2]

RP SEQUENCE FROM N.A.

RX MEDLINE=89140347; PubMed=2521882;

RA Zipfel P.F., Balke J., Irving S.G., Kelly K., Siebenlist U.;

RT "Mitogenic activation of human T cells induces two closely related genes which share structural similarities with a new family of secreted factors.";

RL J. Immunol. 142:1582-1590(1989).

RN [3]

RP SEQUENCE FROM N.A.

RX MEDLINE=89093958; PubMed=2521353;

RA Brown K.D., Zurawski S.M., Mosmann T.R., Zurawski G.;

RT "A family of small inducible proteins secreted by leukocytes are members of a new superfamily that includes leukocyte and fibroblast-derived inflammatory agents, growth factors, and indicators of various activation processes.";

RL J. Immunol. 142:679-687(1989).

RN [4]

RP SEQUENCE FROM N.A.

RX MEDLINE=91061800; PubMed=2247088;

RA Baixeras E., Roman-Roman S., Jitsukawa S., Genevée C., Mechiche S., Viegas-Pequignot E., Hercend T., Triebel F.;

RT "Cloning and expression of a lymphocyte activation gene (LAG-1).";

RL Mol. Immunol. 27:1091-1102(1990).

RN [5]

RP SEQUENCE FROM N.A.

RC TISSUE=T-cell;

RX MEDLINE=89325421; PubMed=2568930;

RA Chang H.C., Reinherz E.L.;

RT "Isolation and characterization of a cDNA encoding a putative cytokine which is induced by stimulation via the CD2 structure on human T lymphocytes.";

RL Eur. J. Immunol. 19:1045-1051(1989).

RN [6]

RP SEQUENCE FROM N.A.
 RX MEDLINE=91373378; PubMed=1894635;
 RA Napolitano M., Modi W.S., Cevario S.J., Gnarr J.R., Seunanez H.N.,
 RA Leonard W.J.;
 RT "The gene encoding the Act-2 cytokine. Genomic structure, HTLV-I/Tax
 RT responsiveness of 5' upstream sequences, and chromosomal
 RT localization.";
 RL J. Biol. Chem. 266:17531-17536(1991).
 RN [7]
 RP SEQUENCE FROM N.A.
 RA Birren B., Fasman K., McKernan K., Nusbaum C., Richardson P.,
 RA Lander E.;
 RL Submitted (JAN-1998) to the EMBL/GenBank/DBJ databases.
 RN [8]
 RP SEQUENCE OF 6-92 FROM N.A.
 RX MEDLINE=90038522; PubMed=2809212;
 RA Miller M.D., Hata S., Waal Malefyt R., Krangel M.S.;
 RT "A novel polypeptide secreted by activated human T lymphocytes.";
 RL J. Immunol. 143:2907-2916(1989).
 RN [9]
 RP RECEPTOR INTERACTION.
 RX MEDLINE=98180363; PubMed=9521068;
 RA Bernardini G., Hedrick J., Sozzani S., Luini W., Spinetti G.,
 RA Weiss M., Menon S., Zlotnik A., Mantovani A., Santoni A.,
 RA Napolitano M.;
 RT "Identification of the CC chemokines TARC and macrophage inflammatory
 RT protein-1 beta as novel functional ligands for the CCR8 receptor.";
 RL Eur. J. Immunol. 28:582-588(1998).
 RN [10]
 RP FUNCTION.
 RX MEDLINE=96106406; PubMed=8525373;
 RA Cocchi F., DeVico A.L., Garzino-Demo A., Arya S.K., Gallo R.C.,
 RA Lusso P.;
 RT "Identification of RANTES, MIP-1 alpha, and MIP-1 beta as the major
 RT HIV-suppressive factors produced by CD8+ T cells.";
 RL Science 270:1811-1815(1995).
 RN [11]
 RP STRUCTURE BY NMR.
 RX MEDLINE=94182137; PubMed=8134838;
 RA Lodi P.J., Garrett D.S., Kuscewski J., Tsang M.L.S., Weatherbee J.A.,
 RA Leonard W.J., Gronenborn A.M., Clore G.M.;
 RT "High-resolution solution structure of the beta chemokine hMIP-1 beta
 RT by multidimensional NMR.";
 RL Science 263:1762-1767(1994).
 CC -!- FUNCTION: MONOKINE WITH INFLAMMATORY AND CHEMOKINETIC PROPERTIES.
 CC BINDS TO CCR5 AND TO CCR8. ONE OF THE MAJOR HIV-SUPPRESSIVE
 CC FACTORS PRODUCED BY CD8+ T CELLS. RECOMBINANT MIP-1-BETA INDUCES A
 CC DOSE-DEPENDENT INHIBITION OF DIFFERENT STRAINS OF HIV-1, HIV-2,
 CC AND SIMIAN IMMUNODEFICIENCY VIRUS (SIV).
 CC -!- SUBUNIT: HOMODIMER.
 CC -!- SUBCELLULAR LOCATION: Secreted.
 CC -!- INDUCTION: BY MITOGENS.
 CC -!- SIMILARITY: BELONGS TO THE INTERCRINE BETA FAMILY (SMALL CYTOKINE
 CC C-C) (CHEMOKINE CC).
 CC -----
 CC This SWISS-PROT entry is copyright. It is produced through a collaboration
 CC between the Swiss Institute of Bioinformatics and the EMBL outstation -
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 CC -----
 DR EMBL; M23502; AAA36656.1; -.
 DR EMBL; M25316; AAA57256.1; -.
 DR EMBL; J04130; AAA51576.1; -.
 DR EMBL; X53683; CAA37723.1; -.
 DR EMBL; X53682; CAA37722.2; ALT_SEQ.
 DR EMBL; X16166; CAA34291.1; -.
 DR EMBL; M69203; AAB00790.1; -.
 DR EMBL; M69201; AAB00790.1; JOINED.

DR EMBL; M69202; AAB00790.1; JOINED.
 DR EMBL; AC003976; -; NOT_ANNOTATED_CDS.
 DR EMBL; M57503; AAA36752.1; -.
 DR PIR; A31767; A31767.
 DR PIR; B30574; B30574.
 DR PIR; D30552; D30552.
 DR PIR; JH0319; JH0319.
 DR PIR; A37411; A37411.
 DR PDB; 1HUM; 30-APR-94.
 DR PDB; 1HUN; 30-APR-94.
 DR Genew; HGNC:10630; SCYA4.
 DR MIM; 182284; -.
 DR InterPro; IPR000827; CC_chemkine_sml.
 DR InterPro; IPR001811; Chemokine_IL8.
 DR Pfam; PF00048; IL8; 1.
 DR SMART; SM00199; SCY; 1.
 DR PROSITE; PS00472; SMALL_CYTOKINES_CC; 1.
 KW Cytokine; Chemotaxis; Inflammatory response; Signal; 3D-structure.
 FT SIGNAL 1 23
 FT CHAIN 24 92 SMALL INDUCIBLE CYTOKINE A4.
 FT DISULFID 34 58 BY SIMILARITY.
 FT DISULFID 35 74 BY SIMILARITY.
 FT CONFLICT 6 6 T -> C (IN REF. 7).
 FT CONFLICT 15 15 A -> S (IN REF. 6).
 FT CONFLICT 20 20 P -> L (IN REF. 2).
 FT CONFLICT 40 45 ARKLPR -> REASS (IN REF. 3).
 FT CONFLICT 56 56 S -> I (IN REF. 8).
 FT CONFLICT 70 70 S -> G (IN REF. 6).
 FT CONFLICT 80 80 S -> T (IN REF. 7 AND 8).
 FT STRAND 29 29
 FT STRAND 33 33
 FT HELIX 45 47
 FT STRAND 50 53
 FT STRAND 63 66
 FT STRAND 72 75
 FT TURN 77 78
 FT HELIX 80 90
 SQ SEQUENCE 92 AA; 10212 MW; F2EA7CF341B0E258 CRC64;

Query Match 79.4%; Score 27; DB 1; Length 92;
 Best Local Similarity 50.0%; Pred. No. 7;
 Matches 4; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2 DPXXXWXQ 9
 || || || ||
 Db 76 DPSESXWVQ 83